

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/04479

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06K7/00 H01R13/02 H05K5/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06K H01R H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 210 193 B1 (OSHITANI AKIYOSHI ET AL) 3 April 2001 (2001-04-03) the whole document ---	1,2,5
Y	US 6 015 092 A (POSTLEWAITE WILLIAM M ET AL) 18 January 2000 (2000-01-18) column 4, line 31 - line 39; figures 10,11 ---	6
X	FR 2 793 575 A (SCHLUMBERGER SYSTEMS & SERVICE) 17 November 2000 (2000-11-17) abstract; claim 3 -----	1
Y		6

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
23 December 2003	11/02/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel: (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Heusler, N

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